



Icon

DMG America's Icon is a revolutionary treatment helping clinicians treat early caries without anesthesia or a drill. Using infiltrant comprised of a fluid resin, Icon penetrates enamel caries and blocks the diffusion paths for cariogenic acids. Icon is useful for difficult-to-reach proximal areas and smooth surfaces and requires no unnecessary loss of healthy tooth structure. Icon, a micro-invasive product, allows dentists to arrest early caries and remove white spots and other discolorations, restoring the pearly white appearance your patients want for their smile.

DMG America

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CIRCLE RS #62

“...98% success rate of interproximal enamel lesions in permanent teeth treated by Icon.”

Why Dr. Richard Chaet wishes more clinicians knew more about the use of DMG America's Icon® product for early caries. [compiled by Terri Lively]



RICHARD CHAET, DDS, MS
Scottsdale, Ariz.
Practicing for 39 years

I FIRST LEARNED ABOUT ICON DURING a lecture in March 2009 before it was on the market in the United States. The presenter discussed a new technique that treats incipient interproximal and facial lesions without surgical intervention. As a pediatric dentist that sees many preteens and teens with these types of lesions on permanent teeth, I was intrigued. If the product was clinically effective, it would give my partners and I the chance to offer our parents a treatment option in addition to active surveillance of incipient lesions or surgical intervention.

What do you like best about the product? How does it compare to others on the market?

I am in a group practice, and we use the product to treat incipient lesions on interproximal surfaces of permanent teeth as well as facial decalcification usually caused by poor oral hygiene during orthodontics. We like its ease of use after our decision to use orthodon-

tic separators for a few days before actual treatment with the material. Also, for small-cavitated facial lesions caused by decalcification, it can be used to minimize tooth preparation in conjunction with the resin infiltration of adjacent decalcified enamel.

As far as I know, there are no similar products on the market that compare to Icon.

Tell us about the results and patient responses

We were one of the first practices in the United States to use this product. We kept a spreadsheet on every patient and surface we treated. We are in the process of publishing our results. Our three-year, retrospective study has found a 98 percent success rate of interproximal enamel lesions in permanent teeth treated by Icon. However, we also found that once the lesion has radiographically enlarged past the dental-enamel junction (DEJ), our results were 65 percent successful (35 percent required subsequent restoration). Now we only treat lesions confined within the enamel and surgically restore lesions radiographically into the DEJ. Our patients and parents have been grateful for this result. Also, the patients we treated with facial

decalcifications have been thrilled with the post-treatment results. We always take photos pre- and post-treatment as many of our patients and parents can't believe the results we have been able to achieve.

What benefits to your practice have you seen since using Icon?

We have treated hundreds of patients and found resin infiltration is a great option in preventive dentistry. While there is an insurance code, most companies do not reimburse for this service. Therefore, this is a fee-for-service treatment. The vast majority of parents are willing to pay out of pocket for this valuable treatment. Our practice has benefited from happy patients and parents, and, of course, greater revenue.

Why would you recommend this product to your colleagues?

We have found resin infiltration to be a valuable asset to both our patients and our practice income. Unfortunately, some practitioners have not heard about Icon even though it has been on the market more than five years. I hope we can change that. ●

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